

PATENT NUMBER

U.S. **UTILITY** Patent Application

U.I.F.E.

PATENT DATE

SCANNED

**Q.A.**

Q.A. A.G

APPLICATION NO.  
09/82617

CONT/PRIOR  
F

CLASS  
399

SUBCLASS  
77

ART UNIT  
2852

EXAMINER

APPLICANTS  
Hideki Matsumoto  
Kazushige Sakurai  
Takeo Shoji  
Toshiyuki Karakama

Developing device, process cartridge and image forming apparatus


PTO-2040  
12/99

~~BEST AVAILABLE COPY~~

**ISSUING CLASSIFICATION**

ORIGINAL				CROSS REFERENCE(S)															
CLASS				SUBCLASS				CLASS		SUBCLASS (ONE SUBCLASS PER BLOCK)									
INTERNATIONAL CLASSIFICATION																			

☐ Continued on Issue Slip Inside File Jacket

<input type="checkbox"/> <b>TERMINAL DISCLAIMER</b>	<b>DRAWINGS</b>			<b>CLAIMS ALLOWED</b>	
	Sheets Drwg. <div>27</div>	Figs. Drwg. <div>30</div>	Print Fig. <div>29</div>	Total Claims. <div>53</div>	Print Claim for O.G. <div>1</div>
<input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.	_____ (Assistant Examiner) (Date)			<b>NOTICE OF ALLOWANCE MAILED</b>	
<input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S Patent. No. _____	<div>    <b>SUSAN S.Y. LEE</b>  <b>PRIMARY EXAMINER</b> </div> <div>         _____ 12/9/02          (Primary Examiner) (Date)       </div>			<b>ISSUE FEE</b>	
				Amount Due	Date Paid
<input type="checkbox"/> The terminal _____ months of this patent have been disclaimed.				<b>ISSUE BATCH NUMBER</b>	
<b>WARNING:</b> The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.					

Form PTO-436A  
(Rev. 6/90)

Form PTO-436A  
(Rev. 8/89)

FILED WITH: ☐ DISK (CRF) ☐ FICHE ☐ CD-ROM  
(Attached in pocket on right inside flap)